



PATENT
Docket No. 00403.CN1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Benson et al.

) Group Art Unit: 1632
)

Serial No.: 10/028,224

) Examiner: Unassigned
)

Confirmation No.: 4497

Filed: December 21, 2001

For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF GLYCOSYLATED
HUMAN BETA SECRETASE, AN ENZYME IMPLICATED IN ALZHEIMER'S
DISEASE

COMMUNICATION RE: MISSING PARTS

Assistant Commissioner for Patents
Attn: Box Missing Parts
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Application," enclosed is an executed Declaration by the named inventors. Enclosed is our check in the amount of \$130 for the missing parts surcharge. Please charge any additional fees or credit any over-payment to PTO Deposit Account No. 13-4895.

The application should now be in condition for examination. Please direct any inquiries to the undersigned attorney.

CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Attn: Box Missing Parts, Washington, D.C. 20231.

Sam Her

SAM HER

"Express Mail" mailing label number:

EL 888274485 US

Date of Deposit: APRIL 26, 2002

Respectfully submitted for

Benson et al.

By

Muetting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

Telephone (612)305-1220

Facsimile (612)305-1228

Customer Number 26813



26813

PATENT TRADEMARK OFFICE

April 26, 2002
Date

By:

Ann M. Muetting
Ann M. Muetting

Reg. No. 33,977

Direct Dial (612)305-1217



04-29-02

Receipt #

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Docket No. 00403.CN1

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Applicant(s): Benson et al.)	Group Art Unit: 1632
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For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF GLYCOSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED IN ALZHEIMER'S DISEASE		

REQUEST FOR CORRECTED FILING RECEIPT

Assistant Commissioner for Patents
Attn: Box Missing Parts
Washington, D.C. 20231

Sir:

Upon review of the Filing Receipt received from the U.S. Patent and Trademark Office in connection with the above-identified application, the following error was noted.

In the title, the comma which comes after the word "secretase" was omitted. The correct title should read: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF GLYCOSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED IN ALZHEIMER'S DISEASE. A copy of the Filing Receipt with this correction marked in red is enclosed. Applicants respectfully request a corrected Filing Receipt.

Request for Corrected Filing Receipt

Page 2 of 2

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SECRETASE, AN ENZYME IMPLICATED IN ALZHEIMER'S DISEASE

If the Examiner has any questions regarding this submission, please contact
Applicants' Representative at the below-listed telephone number.

CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this
paper or fee is being deposited with the
United States Postal Service "Express Mail
Post Office to Addressee" service under 37
CFR §1.10 on the date indicated below and
is addressed to the Assistant Commissioner
for Patents, Attn: Box Missing Parts,
Washington, D.C. 20231.



SAM HER
"Express Mail" mailing label number:
EL 888274485 US

Date of Deposit: APRIL 26, 2002

Respectfully submitted for

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By

Mueting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

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Customer Number 26813



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PATENT TRADEMARK OFFICE

Date

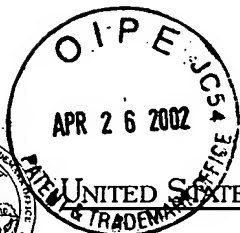
April 26, 2002

By:


Ann M. Mueting

Reg. No. 33,977

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/028,224	12/21/2001	1632	4554	00403.CN1	6	78	29

CONFIRMATION NO. 4497

FILING RECEIPT



OC00000007544902

Mueting, Raasch & Gebhardt, P.A.
203 Textile Building
119 North Fourth Street
Minneapolis, MN 55401

Date Mailed: 02/27/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Timothy E. Benson, Kalamazoo, MI;
Jim D. Durbin, Portage, MI;
Donald Bryan Prince, Parchment, MI;

Assignment For Published Patent Application

Pharmacia & Upjohn Company, Kalamazoo, MI;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF 09/808,310 03/14/2001
WHICH IS A CIP OF 09/747,421 12/23/2000

Foreign Applications

If Required, Foreign Filing License Granted 02/27/2002

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

Title

RECEIVED
MAR 04 2002
MUETING & RAASCH

Crystallization and structure determination of glycosylated human beta secretase, an enzyme implicated in alzheimer's disease

Preliminary Class

435

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/028,224	12/21/2001	Timothy E. Benson	00403.CN1

CONFIRMATION NO. 4497

FORMALITIES LETTER



OC000000007544903

Mueing, Raasch & Gebhardt, P.A.
203 Textile Building
119 North Fourth Street
Minneapolis, MN 55401

Date Mailed: 02/27/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*


 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/01/2002 BNGUYEN1 00000052 10028224

01 FC:105

130.00 OP



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Serial No.: 10/028,224

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Assistant Commissioner for Patents

Attn: Box Missing Parts

Washington, D.C. 20231

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ An itemized return postcard.
☐ A Petition for Extension of Time for __ month(s) and a check in the amount of \$__ for the required fee.
☐ An Information Disclosure Statement (__ pgs); copies of __ applications; 1449 forms (__ pgs); and copies of __ documents cited on the 1449 forms.
☒ A check in the amount of \$130.00, for missing parts surcharge.
☐ A certified copy of a __ application, Serial No. __, filed ____, the right of priority of which is claimed under 35 U.S.C. §119.
☒ Other: Communication Re: Missing Parts (1 pg); copy of Notice to File Missing Parts of Nonprovisional Application (1 pg); Declaration (3 pgs); Request for Corrected Filing Receipt (2 pgs); copy of Filing Receipt w/correction marked in red (2 pgs); and Supplemental Application Data Sheet (4 pgs).
Amendment ☐ No Additional fee is required. ☐ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$18 =	
Independent Claims				x \$84 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$280 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813



26813

PATENT TRADEMARK OFFICE

By:

Name: Ann M. Mueeting

Reg. No.: 33,977

Direct Dial: 612-305-1217

Facsimile: 612-305-1228

CERTIFICATE UNDER 37 CFR §1.10::

"Express Mail" mailing label number: EL 888274485 US

Date of Deposit: APRIL 26, 2002

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By:

Name: SAM HER

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)